



Attorney Docket No.: 020154-001110US

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)****Title of Invention** MODULATION OF ZINC LEVELS TO IMPROVE TISSUE PROPERTIES

As the below named inventor(s), I/we declare that:

This declaration is directed to:

- ☐ The attached application, or
- ☒ Application No. 10/692,191, filed on October 22, 2003,
- ☐ as amended on \_\_\_\_\_ (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.

All statements made herein of my/our own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

**FULL NAME OF INVENTOR(S)**Inventor 1 Pamela Cifra Date: 2/1/04Signature: [Signature] Citizen of: PhilippinesInventor 2 Michael D. Dake Date: 3/1/04Signature: [Signature] Citizen of: United StatesInventor 3 Christopher Elkins Date: 3/1/04Signature: [Signature] Citizen of: United StatesInventor 4 Jacob M. Waugh Date: 3/1/04Signature: [Signature] Citizen of: United States☐ Additional inventors are being named on additional form(s) attached hereto.

**POWER OF ATTORNEY  
and  
CORRESPONDENCE ADDRESS  
INDICATION FORM**

Application Number	10/692,191
Filing Date	October 22, 2003
First Named Inventor	Pamela Cifra
Title	MODULATION OF ZINC LEVELS TO IMPROVE TISSUE PROPERTIES
Art Unit	1614
Examiner Name	
Attorney Docket Number	020154-001110US

I hereby appoint:

☒ Practitioners associated with the Customer Number**20350**

OR

☐ Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☒ The address associated with the above-mentioned Customer Number:

OR

☐ The address associated with Customer Number:

OR

☐ Firm or  
Individual Name

Address

City

State

ZIP

Country

Telephone

Fax

I am the:

☐ Applicant/Inventor.☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).**SIGNATURE of Applicant or Assignee of Record**

Name	L. Daniel Browne President / CEO Essentia Biosystems, Inc.		
Signature			
Date	3/1/04	Telephone	650-938-1544 x1540

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☒ \*Total of 1 forms are submitted.



Attorney Docket No. 020154-001110US

**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: Pamela Cifra, Michael D. Dake, Christopher Elkins, and Jacob M. Waugh

Application No./Patent No.: 10/692,191 Filed/Issue Date: October 22, 2003

Entitled: MODULATION OF ZINC LEVELS TO IMPROVE TISSUE PROPERTIES

Essentia Biosystems, Inc., a corporation  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_  
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☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☐ Copies of assignments or other documents in the chain of title are attached.

**(NOTE:** A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8)

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

3/1/04

Date

  
Signature

L. DANIEL BROWNE

Typed or printed name

PRESIDENT/CEO  
ESSENTIA BIOSYSTEMS, INC.

Title

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



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\*700069642A\*

MARCH 05, 2004

PTAS

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SAN FRANCISCO, CA 94111-3834

UNITED STATES PATENT AND TRADEMARK OFFICE  
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THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

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RECORDATION DATE: 03/02/2004

REEL/FRAME: 014391/0286  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

CIFRA, PAMELA

DOC DATE: 03/01/2004

ASSIGNOR:

DAKE, MICHAEL D.

DOC DATE: 03/01/2004

ASSIGNOR:

ELKINS, CHRISTOPHER

DOC DATE: 03/01/2004

ASSIGNOR:

WAUGH, JACOB M.

DOC DATE: 03/01/2004

ASSIGNEE:

ESSENTIA BIOSYSTEMS, INC.  
1928B OLD MIDDLEFIELD WAY  
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MOUNTAIN VIEW, CALIFORNIA 94043

014391/0286 PAGE 2

SERIAL NUMBER: 10692191  
PATENT NUMBER:

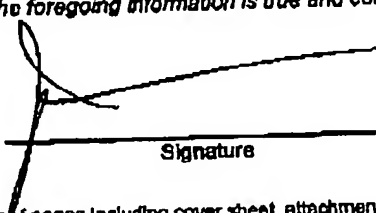
FILING DATE: 10/22/2003  
ISSUE DATE:

MARY BENTON, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

03/02/2004  
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Attorney Docket No. 020154-001110US

TO Fax No. (703) 306-5995

Form PTO-1596 (Rev. 10-02) OMB No. 0651-0027 (exp. 5/31/2002)		Recordation Form Cover Sheet <b>PATENTS ONLY</b>		U.S. Department of Commerce U.S. Patent and Trademark Office	
Tab settings ⇌ ⇌ ⇌ ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼					
To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof					
1. Name of conveying party(ies):  Pamela Cifra Michael D. Dake Christopher Elkins Jacob M. Waugh  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No.			2. Name and address of receiving party(ies)  Name: Essentia Biosystems, Inc.  Internal Address: Suite B  Street Address: 1928B Old Middlefield Way  City: Mountain View State: CA ZIP: 94043  Additional name(s) and address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3. Nature of conveyance:  <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other:  Execution Date: <u>March 1, 2004</u>					
4. Application number(s) or patent number(s):  If this document is being filed together with a new application, the execution date of the application is:  A. Patent Application No(s): 10/692,191 B. Patent No(s):  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Joel G. Ackerman TOWNSEND AND TOWNSEND AND CREW LLP Two Embarcadero Center, Eighth Floor San Francisco, California 94111-3834 (415) 576-0200			6. Total number of applications and patents involved: 1  7. Total fee (37 CFR 3.41): <u>\$40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account  8. Deposit account number: 20-1430  (Attach duplicate copy of this page if paying by deposit account)		
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9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i>  <div style="display: flex; justify-content: space-between;"> <div> <u>Joel G. Ackerman</u> Name of Person Signing Atty. Reg. No. 24,307 </div> <div>  Signature </div> <div> <u>March 2, 2004</u> Date </div> </div> Total number of pages including cover sheet, attachments and documents: <u>2</u>					

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